

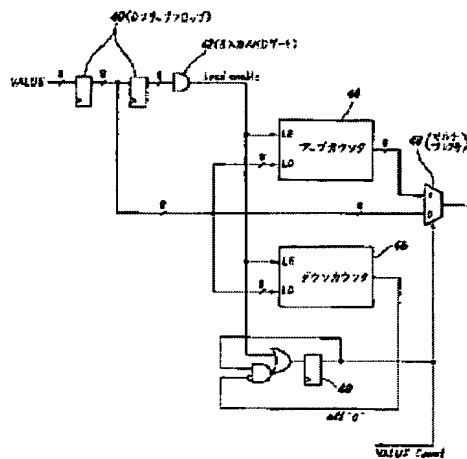
## 2

**Priority number(s):** JP19930323505 19931222

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**PURPOSE:** To reduce an information quantity for generating a coding table by providing a means processing consecutive addresses of a table in which addresses are arranged in the order of the frequency of incidence into data based on number of times of consecutiveness.

**CONSTITUTION:** Since elements of a VALUE table are arranged in the order of the frequency of incidence, the regularity in the arrangement is used for reducing the quantity of information of the value table. That is, in the case of elements arranged as 00, 01, 02, 03, 04, 05, the information is represented as 00, ff, 05 in total 3 bytes, where 00 is the initial value, ff is an identification code representing the consecutive data, and 05 is consecutive number of times. When the identification code ff is received in the case of decoding, a load enable signal as shown in figure goes to H and an initial value code is loaded to an initial value of an up-counter 44 based on the load enable signal. Furthermore, consecutive number of times is loaded to a down-counter 46, and data are incremented by one from the initial value by an up-counter 44. In this case, the data are decremented by one simultaneously in the down-counter 46. An external input to the coder is in holding during the operation above.



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